

PATENT COOPERATION TREATY

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NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
US Department of Commerce
United States Patent and Trademark
Office, PCT
2011 South Clark Place Room
CP2/5C24
Arlington, VA 22202
ETATS-UNIS D'AMERIQUE
in its capacity as elected Office

Date of mailing (day/month/year) 08 June 2001 (08.06.01)	Applicant's or agent's file reference WO-02971
International application No. PCT/EP00/09874	Priority date (day/month/year) 04 October 1999 (04.10.99)
International filing date (day/month/year) 03 October 2000 (03.10.00)	Applicant LANGEVELD, Pieter, Cornelis et al

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:
02 April 2001 (02.04.01)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35	Authorized officer <p style="text-align: center;">Olivia TEFY</p> Telephone No.: (41-22) 338.83.38
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(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
12 April 2001 (12.04.2001)

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(10) International Publication Number
WO 01/25471 A3

- (51) International Patent Classification⁷: **C12Q 1/18**
- (21) International Application Number: PCT/EP00/09874
- (22) International Filing Date: 3 October 2000 (03.10.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
99203264.9 4 October 1999 (04.10.1999) EP
99203429.8 18 October 1999 (18.10.1999) EP
- (71) Applicant (*for all designated States except US*): **DSM N.V.**
[NL/NL]: Het Overloon 1, NL-6411 TE Heerlen (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **LANGEVELD, Pieter, Cornelis** [NL/NL]: Venezuelastraat 55, NL-2622 BP Delft (NL). **STARK, Jacobus** [NL/NL]: Joost van Ospad 31, NL-3069 ZM Rotterdam (NL). **VAN PARIDON, Petrus, Andreas** [NL/NL]: Eemwijkstraat 23, NL-2271 RD Voorburg (NL).
- (74) Agents: **MATULEWICZ, Emil, Rudolf, Antonius et al.**: DSM N.V., DSM Patents & Trademarks, Office Delft (994-0760), P.O. Box 1, NL-2600 MA Delft (NL).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
29 November 2001
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: METHOD FOR THE DETECTION OF ANTIMICROBIAL RESIDUES

(57) Abstract: The present invention relates to a novel method for the rapid detection of the presence or absence of antimicrobial residues in products preferably food products.

WO 01/25471 A3

INTERNATIONAL SEARCH REPORT

Intel onal Application No

PCT/EP 00/09874

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12Q1/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, MEDLINE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 354 663 A (CHARM STANLEY E ET AL) 11 October 1994 (1994-10-11) column 2, line 57 -column 3, line 50 ---	1-13
A	EP 0 005 891 A (GIST BROCADES NV) 12 December 1979 (1979-12-12) cited in the application the whole document ---	1-13
A	EP 0 285 792 A (VALIO MEIJERIEN) 12 October 1988 (1988-10-12) cited in the application the whole document ---	1-13
A	US 5 494 805 A (VAN RIJN FERDINAND T ET AL) 27 February 1996 (1996-02-27) cited in the application the whole document -----	1-13

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

5 July 2001

Date of mailing of the international search report

13/07/2001

Name and mailing address of the ISA

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Van Bohemen, C

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 00/09874

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5354663 A	11-10-1994	CA 2056581 A US 5489532 A	13-05-1993 06-02-1996
EP 0005891 A	12-12-1979	NL 7806086 A AR 220393 A AU 528996 B AU 4774079 A BR 7903419 A CA 1136031 A DE 2966519 D DK 230779 A,B, FI 791736 A,B, IE 48345 B JP 54159295 A NO 791821 A,B, NZ 190570 A ZA 7902414 A	07-12-1979 31-10-1980 19-05-1983 13-12-1979 15-01-1980 23-11-1982 09-02-1984 06-12-1979 06-12-1979 12-12-1984 15-12-1979 06-12-1979 31-05-1982 25-06-1980
EP 0285792 A	12-10-1988	FI 75865 B AT 76437 T AU 609794 B AU 1415888 A CA 1316442 A DD 268481 A DE 3871216 A DK 117488 A IE 60699 B JP 7002119 B JP 63269999 A NO 174898 B NZ 223750 A US 4929546 A	29-04-1988 15-06-1992 09-05-1991 06-10-1988 20-04-1993 31-05-1989 25-06-1992 08-10-1988 10-08-1994 18-01-1995 08-11-1988 18-04-1994 27-03-1990 29-05-1990
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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference WO-02971	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/EP 00/09874	International filing date (day/month/year) 03/10/2000	(Earliest) Priority Date (day/month/year) 04/10/1999
Applicant DSM N.V. et al.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 00/09874

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

5 July 2001

Date of mailing of the international search report

13/07/2001

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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